

# Extensibility for Billing Document Printout

S/4 HANA Cloud



**THE BEST RUN**



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# 1 Provide Tax Percentage in Billing Document Output

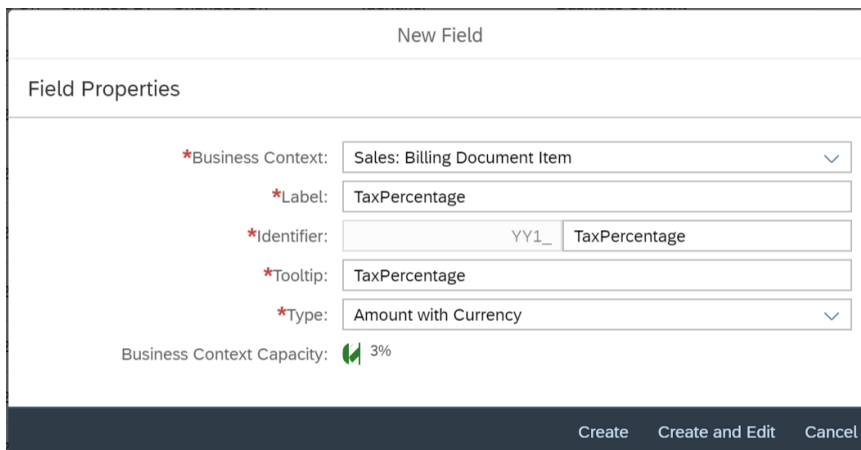
## 1.1 Aim

Show Tax Percentage on Form Template Item of Billing Document Item.

## 1.2 Steps to do

### 1.2.1 Creation of an extension field at Billing Document Item

Use app [Custom Fields and Logic](#), tab [Custom Fields](#), in the Extensibility business catalog. Create a new extension field in [Business Context Sales: Billing Document Item](#) with an appropriate Type.



The screenshot shows a 'New Field' dialog box with the following fields and values:

- \*Business Context: Sales: Billing Document Item
- \*Label: TaxPercentage
- \*Identifier: YY1\_ TaxPercentage
- \*Tooltip: TaxPercentage
- \*Type: Amount with Currency
- Business Context Capacity: 3%

At the bottom of the dialog, there are three buttons: Create, Create and Edit, and Cancel.

This extension field is intended to store the Tax Percentage with the Billing Document Item.

*Remark: The extension field will only be filled when triggering the output request.*

### 1.2.2 Extend the Form Template with the Extension Field

Within the same App [Custom Fields and Logic](#) and tab [Custom Field](#) extend the Form Templates for the billing document with the extension field.

**TaxPercentage**  
 Amount with Currency  
 YY1\_TaxPercentage  
 Sales: Billing Document Item

Not Published

General Information   Uts and Reports (9)   Email Templates (0)   **Form Templates (55)**   Business Scenarios (8)   OData APIs (2)   SOAP APIs (2)   BAPIs (0)   IDocs (0)

**Form Templates**

Description	Field Usage
Credit Memo Form	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (Austria)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (Belgium)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (France)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (Hungary)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (Indonesia)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (Ireland)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (Italy)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (Luxembourg)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (Netherlands)	Enabled <a href="#">Disable Usage</a>
Credit Memo Form (New Zealand)	Enabled <a href="#">Disable Usage</a>

[Save](#) [Publish](#) [Discard Changes](#) [Delete](#) [Cancel](#)

Save and publish the extension field.

### 1.2.3 Creation of an extension logic

Use app *Custom Fields and Logic*, tab *Custom Logic*, in the Extensibility business catalog. Create a new Enhancement Implementation in *Business Context* **Sales: Billing Document Item** with *Definition* **Billing Standard Output Item Adaption** and an appropriate Implementation Description. In case the Enhancement Implementation already exist, this step can be skipped.

**New Enhancement Implementation**

Business Context:

\*BApI Description:

\*Implementation Description:

\*Implementation ID:

[Create](#) [Cancel](#)

Add the following example code to the Draft:

```
* First of all assign existing extension field values to output parameter:
billingdocitem_ext_out = billingdocitem_ext_in.
billingdocitemdescr_ext_out = billingdocitemdescr_ext_in.
*
* Read tax percentage for specific billing document item:
SELECT SINGLE conditionratevalue
  FROM   i_billingdocitemprcgelmntbasic
 WHERE  billingdocument = @billingdocitem-billingdocument
 AND    billingdocumentitem = @billingdocitem-billingdocumentitem
 AND    pricingprocedurestep = '850'
 INTO   @billingdocitem_ext_out-yy1_taxpercentage_bdi.
```

Save and publish the extension Logic.

*Remark 1: The pricing procedure step depends on the pricing scheme and in case of customer pricing scheme the value could differ.*

*Remark 2: To see the new created extension field in the Billing Document Printout, it is necessary to create a new Form Template.*